

FIG. 1a

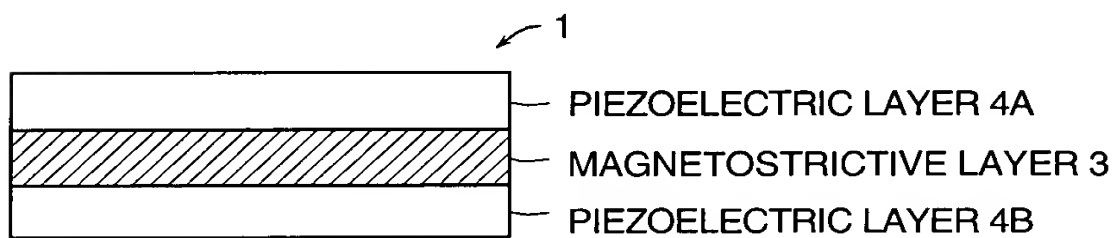


FIG. 1b

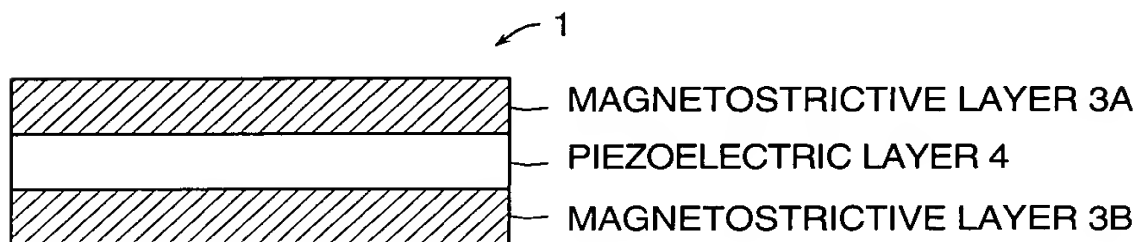


FIG. 1c

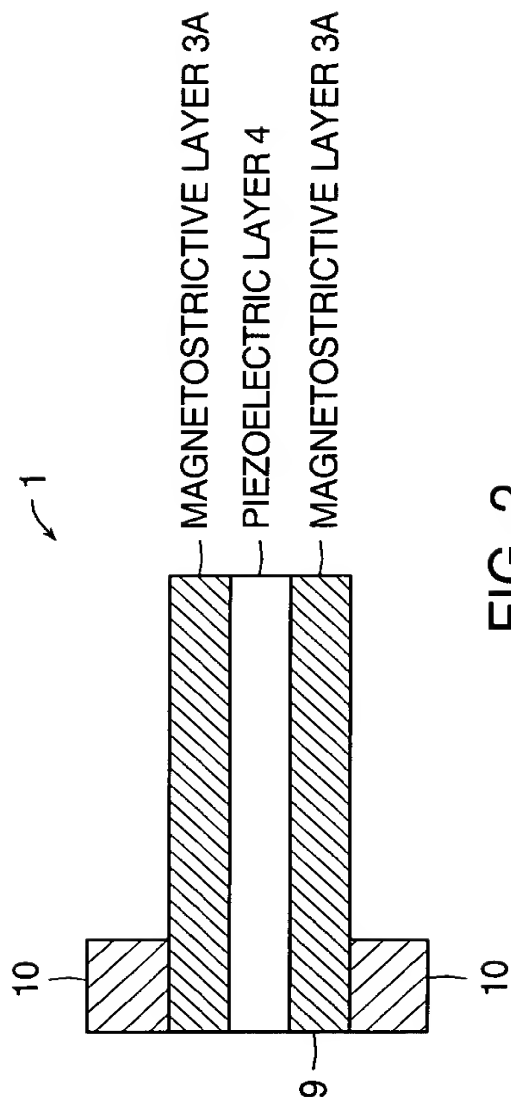
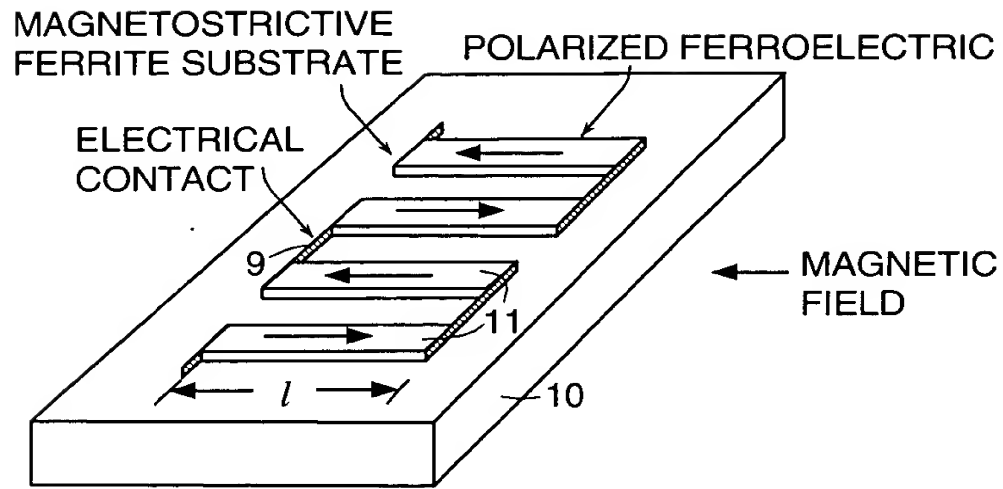
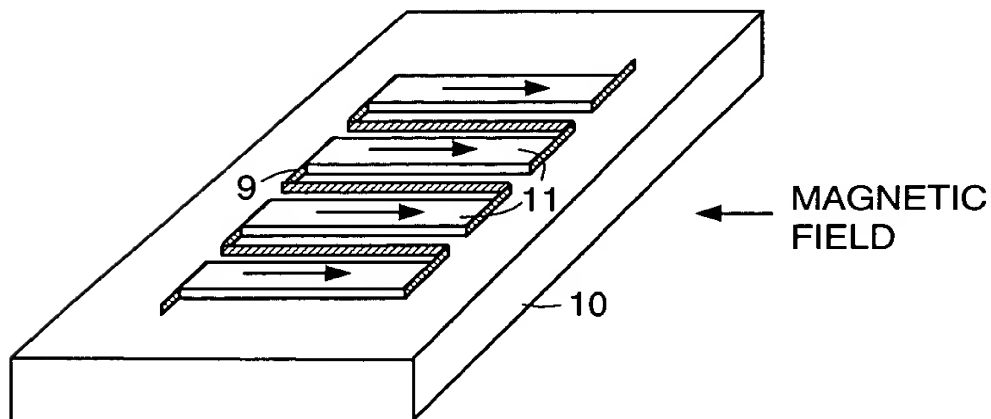


FIG. 2



ANTIPARALLEL POLARIZATION

FIG. 3a



PARALLEL POLARIZATION

FIG. 3b

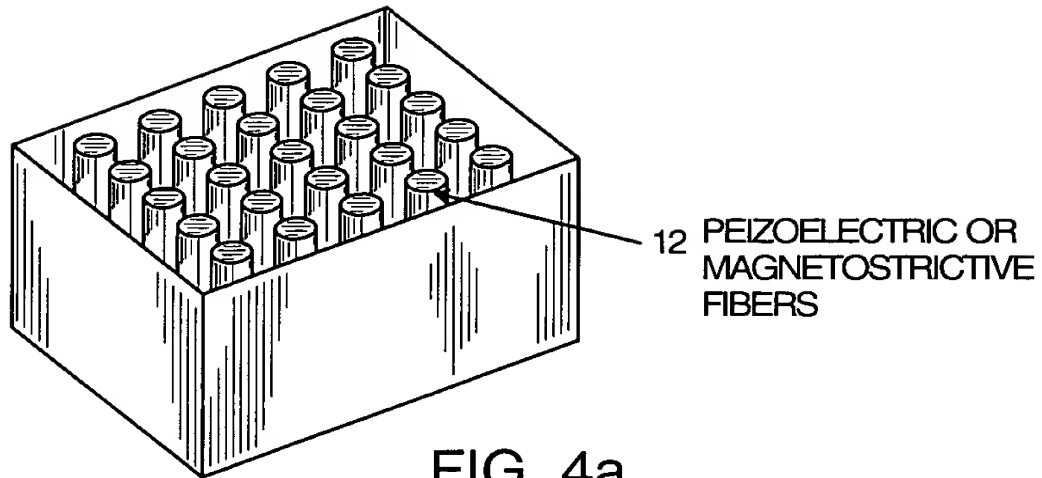


FIG. 4a

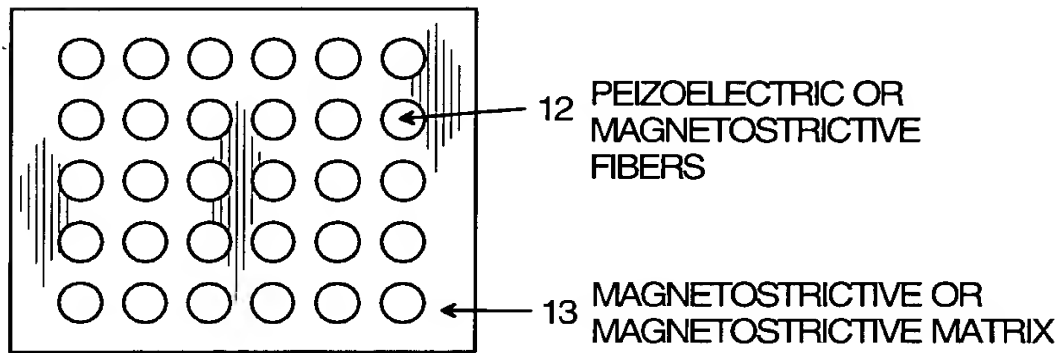


FIG. 4b

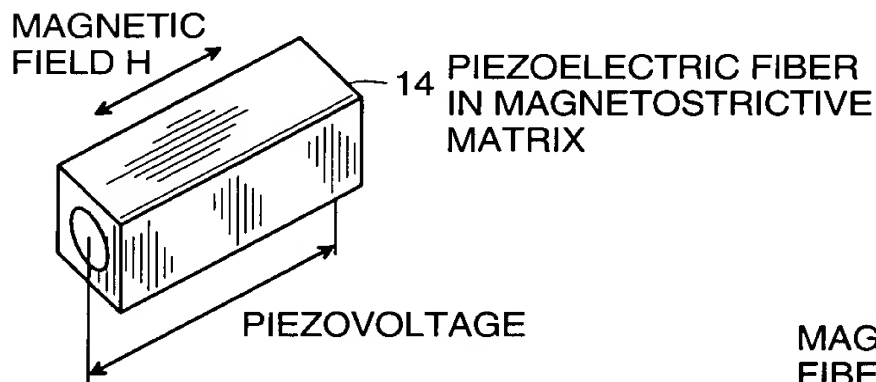


FIG. 4c

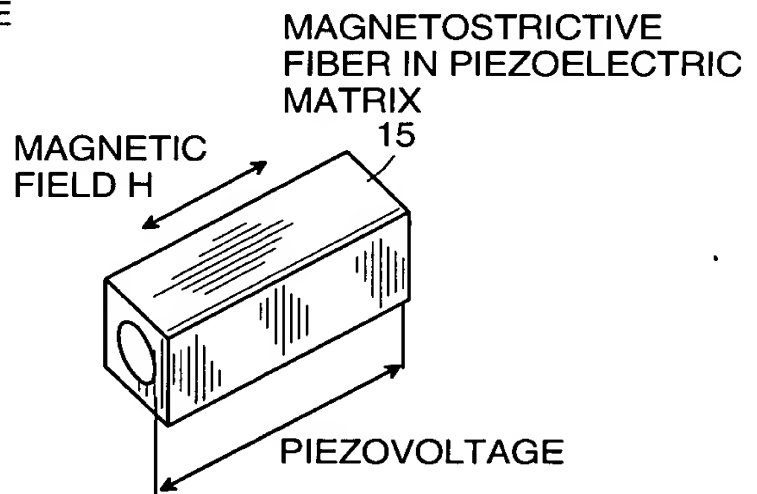


FIG. 4d

5/18

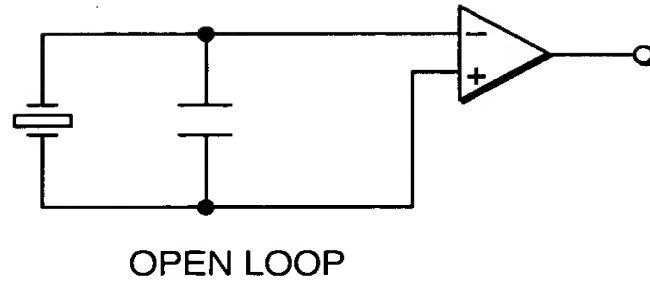


FIG. 5a

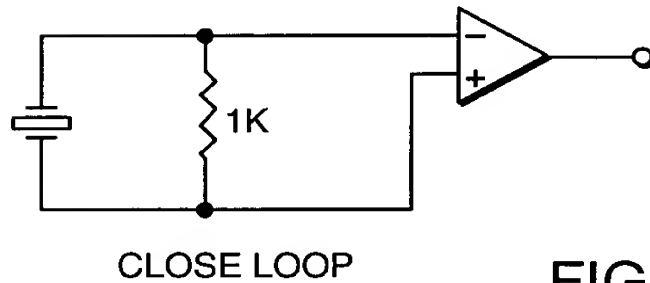


FIG. 5b

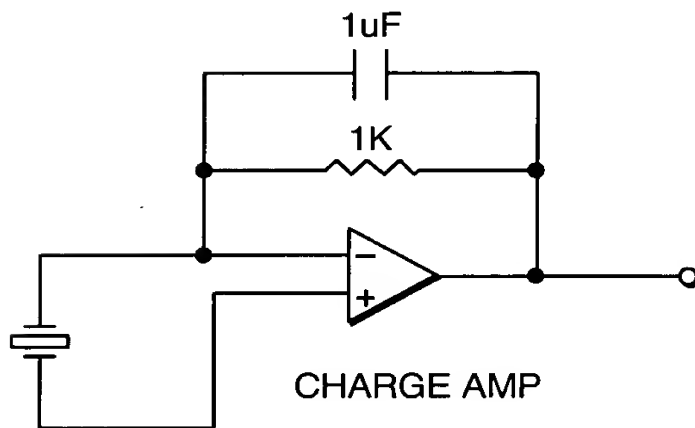


FIG. 5c

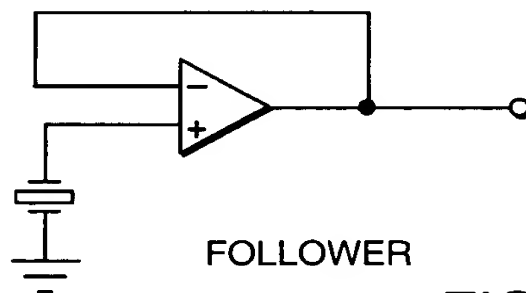


FIG. 5d

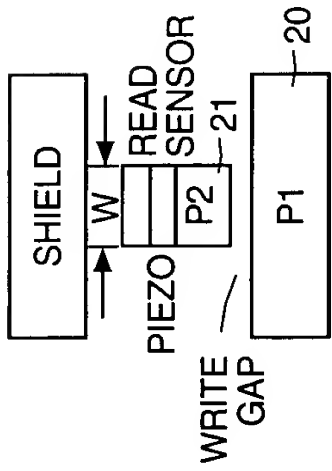


FIG. 6a

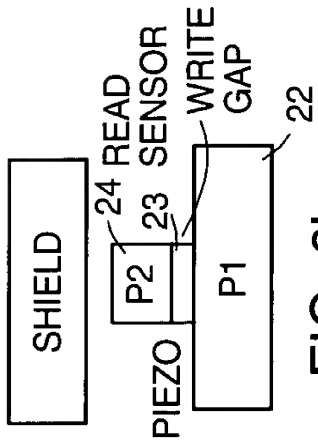


FIG. 6b

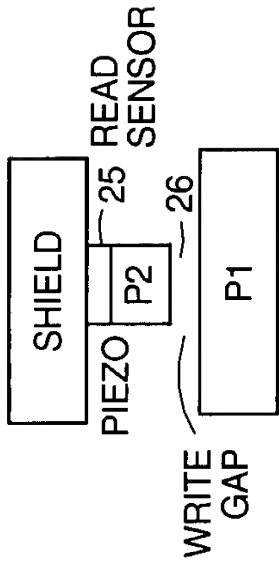
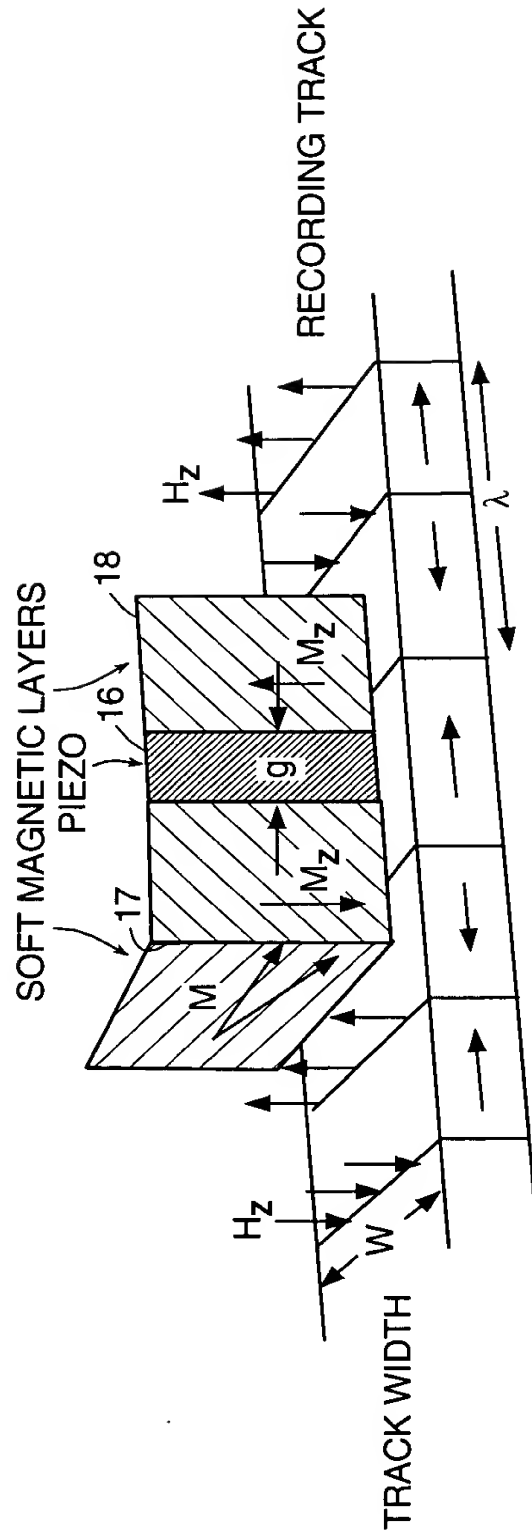


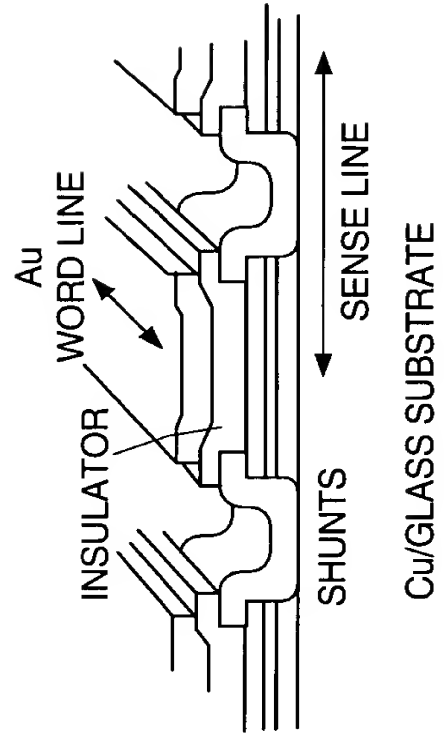
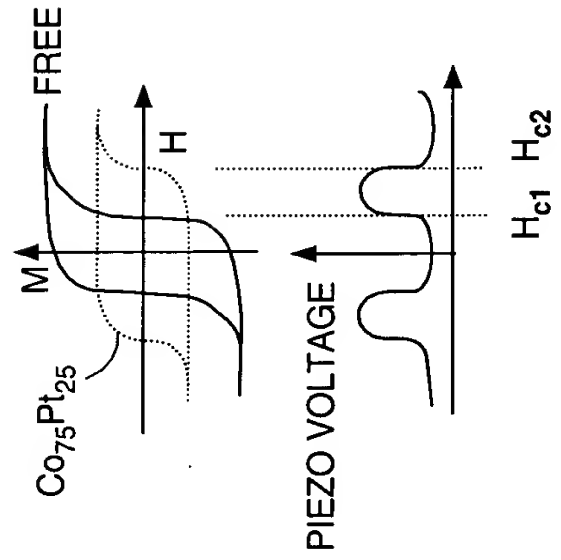
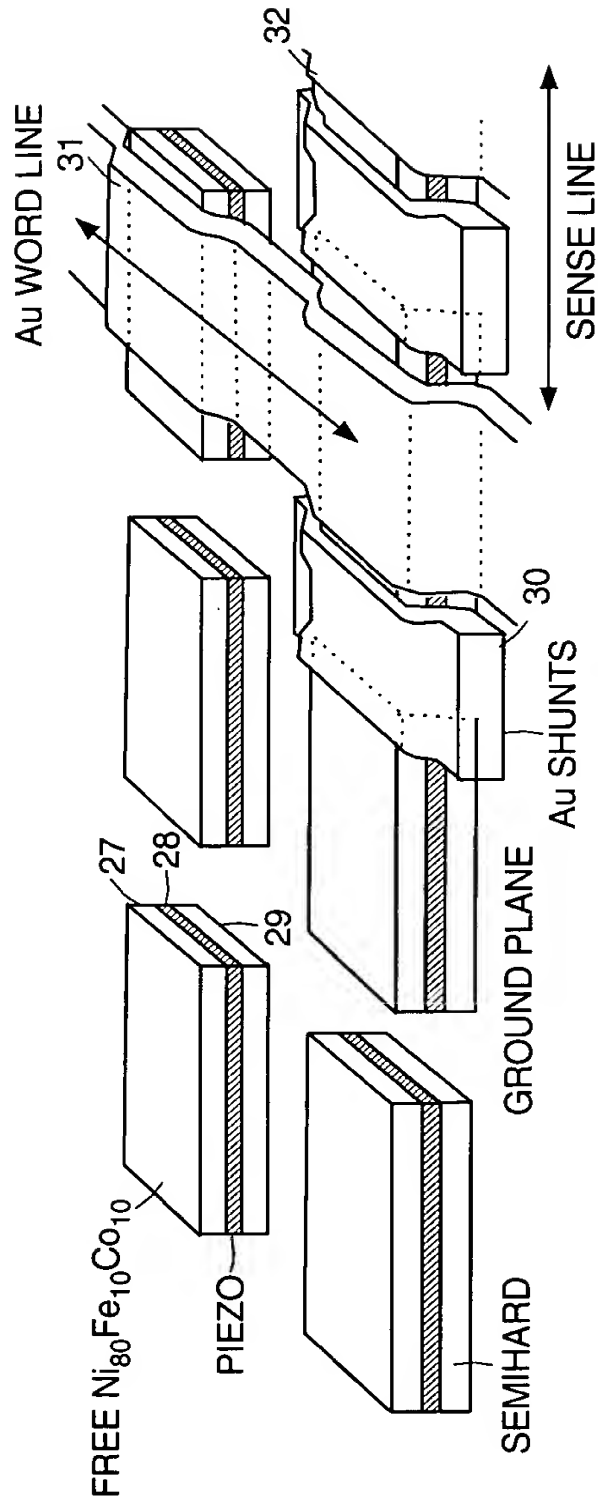
FIG. 6c

6/18



PASSIVE PIEZOELECTRIC READ HEAD

FIG. 6d



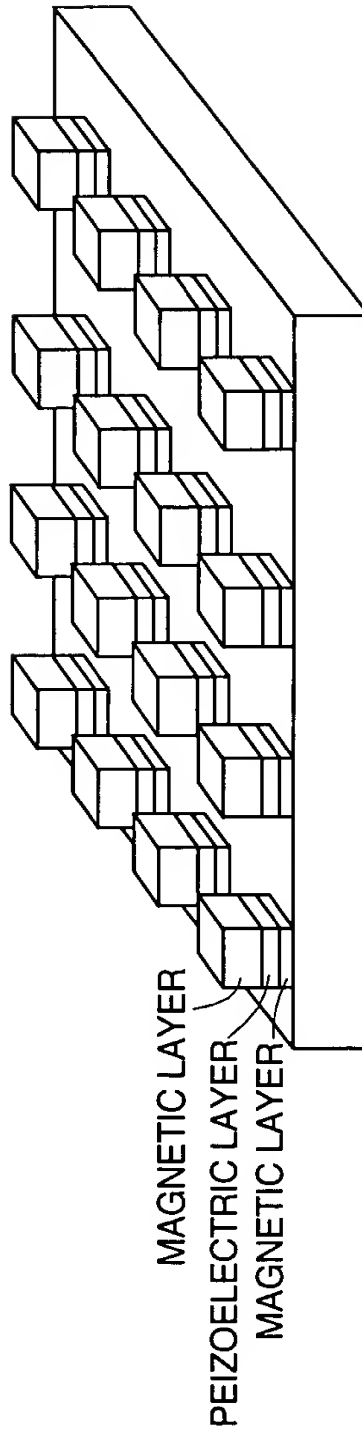


FIG. 8



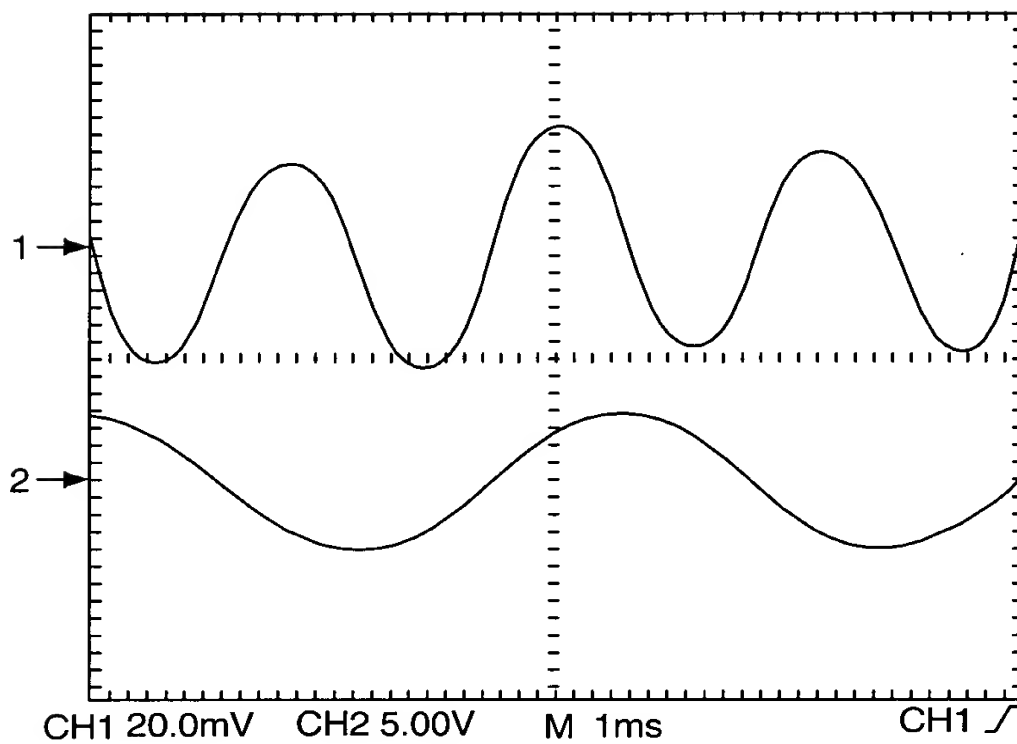


FIG. 9

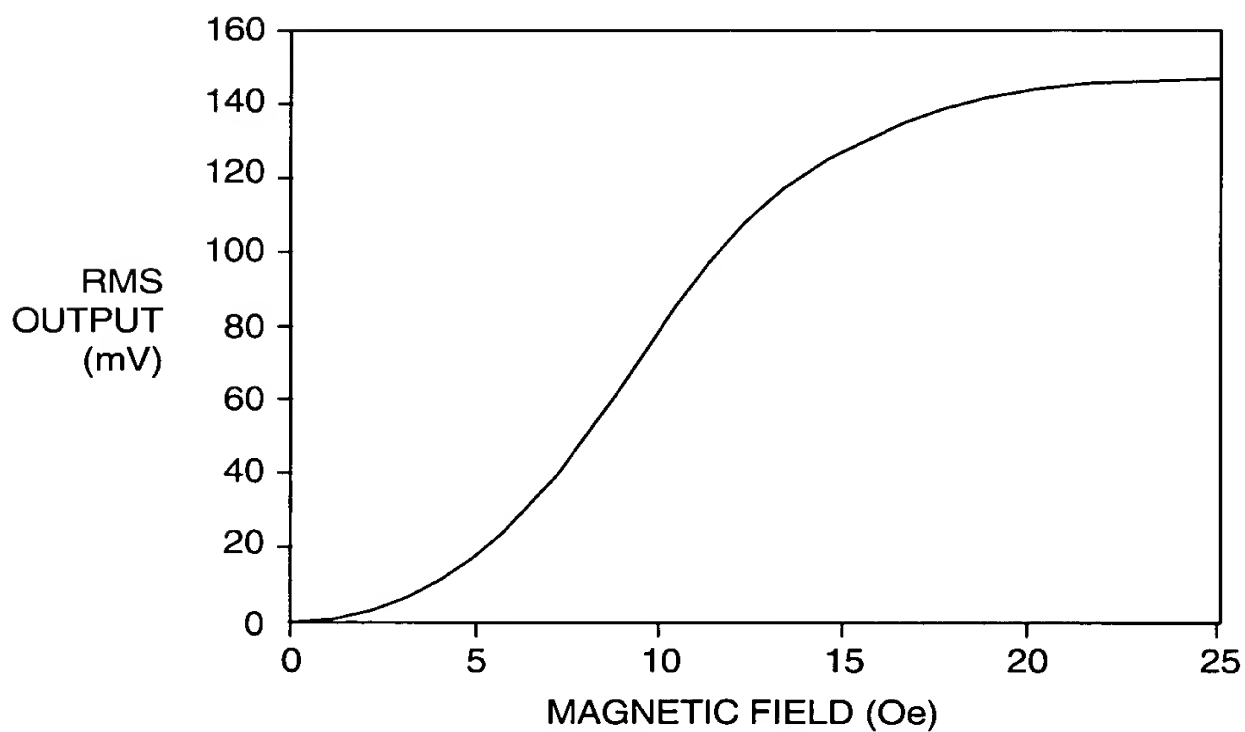


FIG. 10

10/18

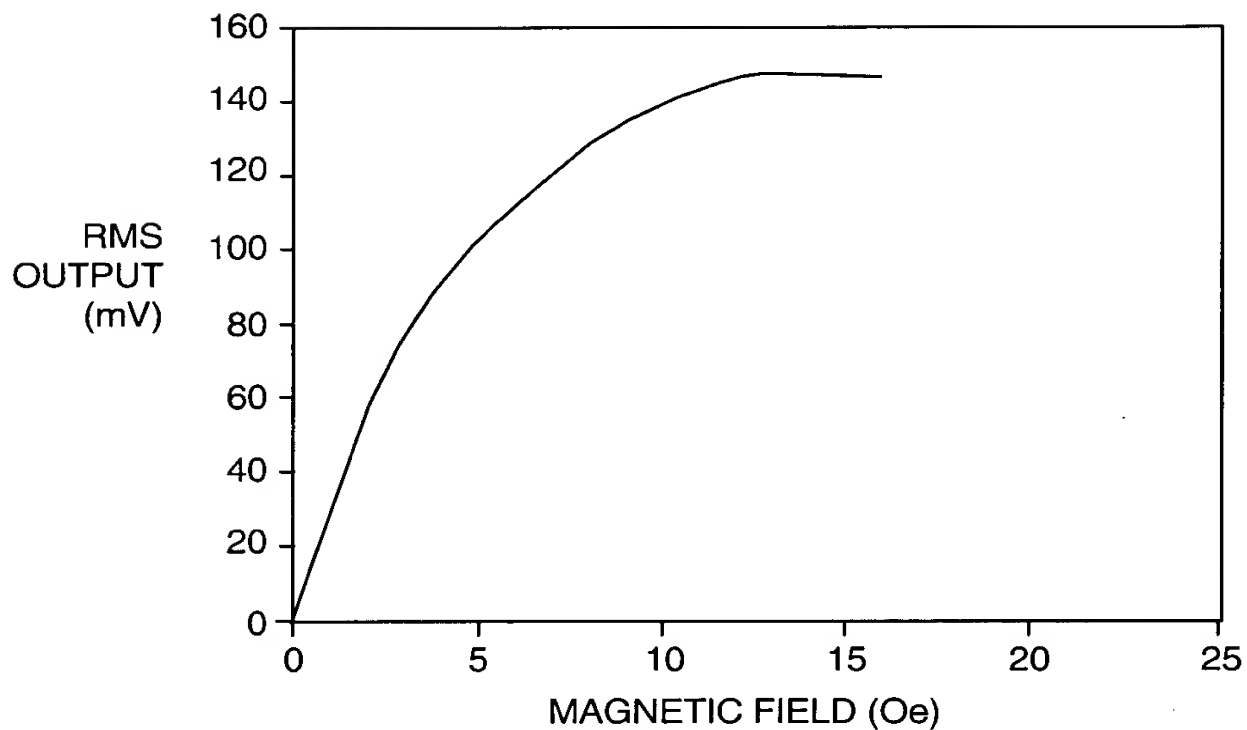


FIG. 11

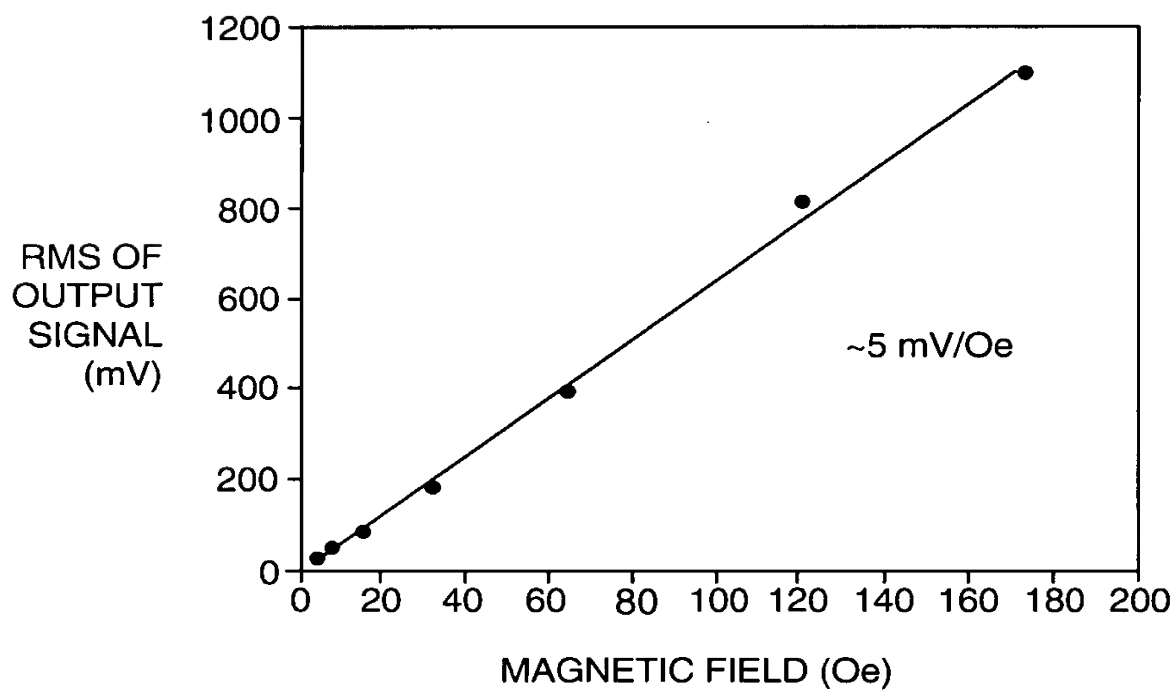


FIG. 12

005010" Sheet 560

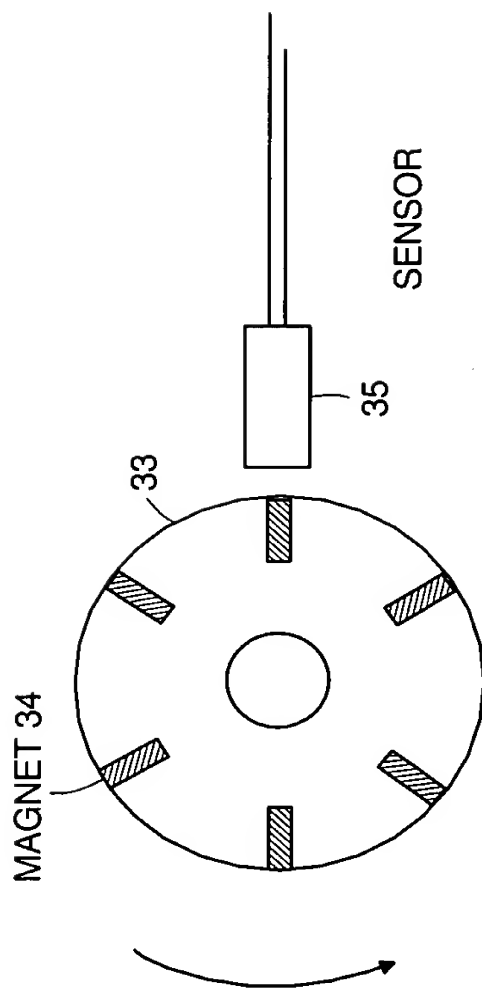


FIG. 13

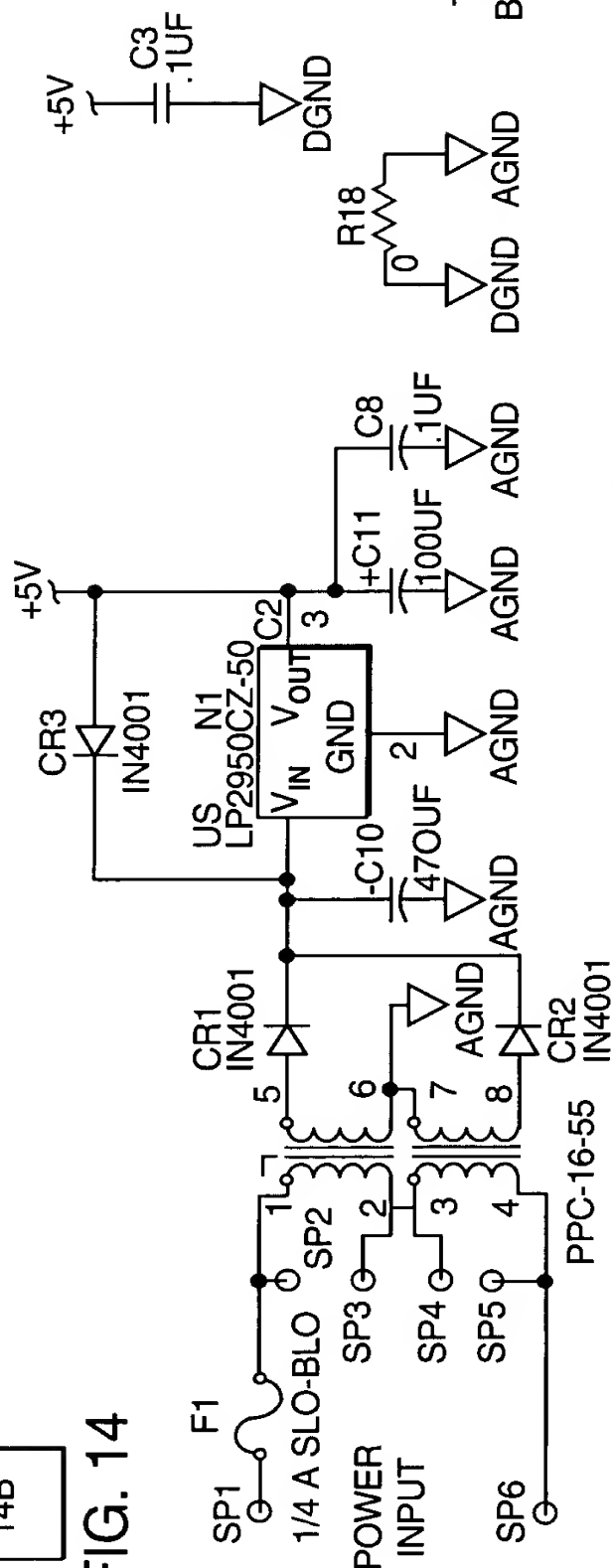


FIG. 14A



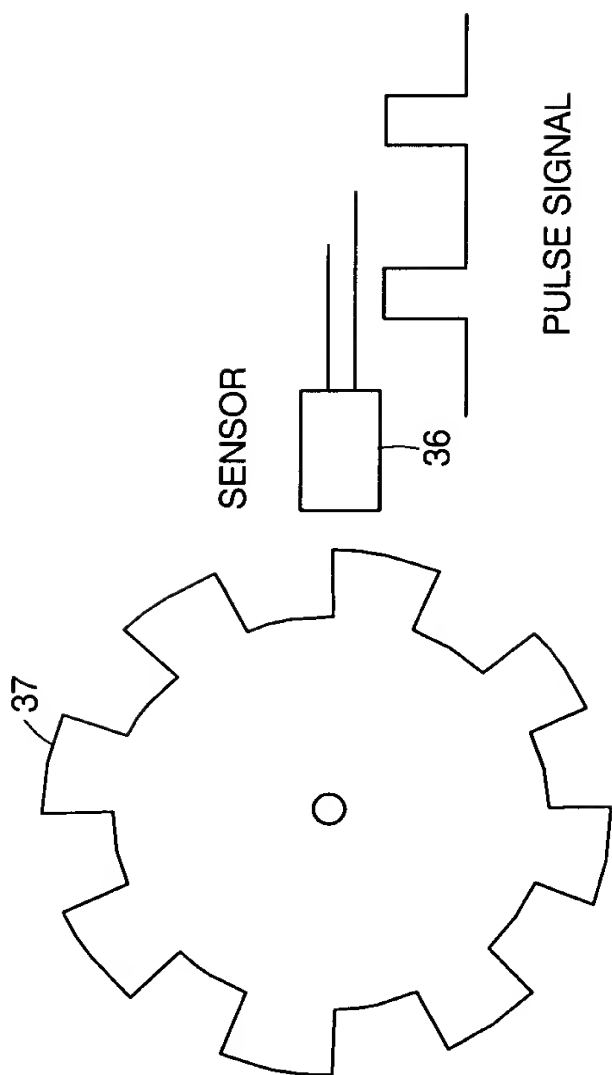


FIG. 15

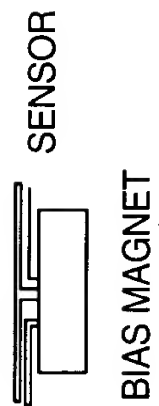
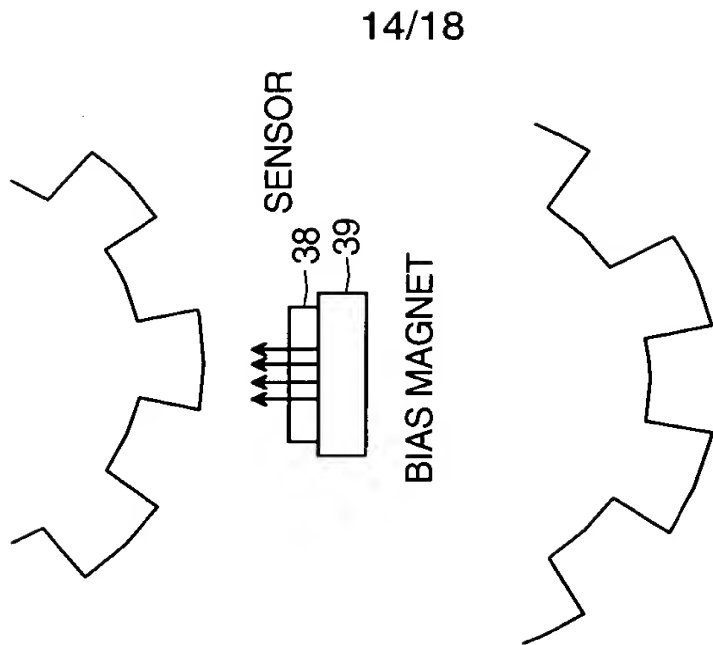


FIG. 16

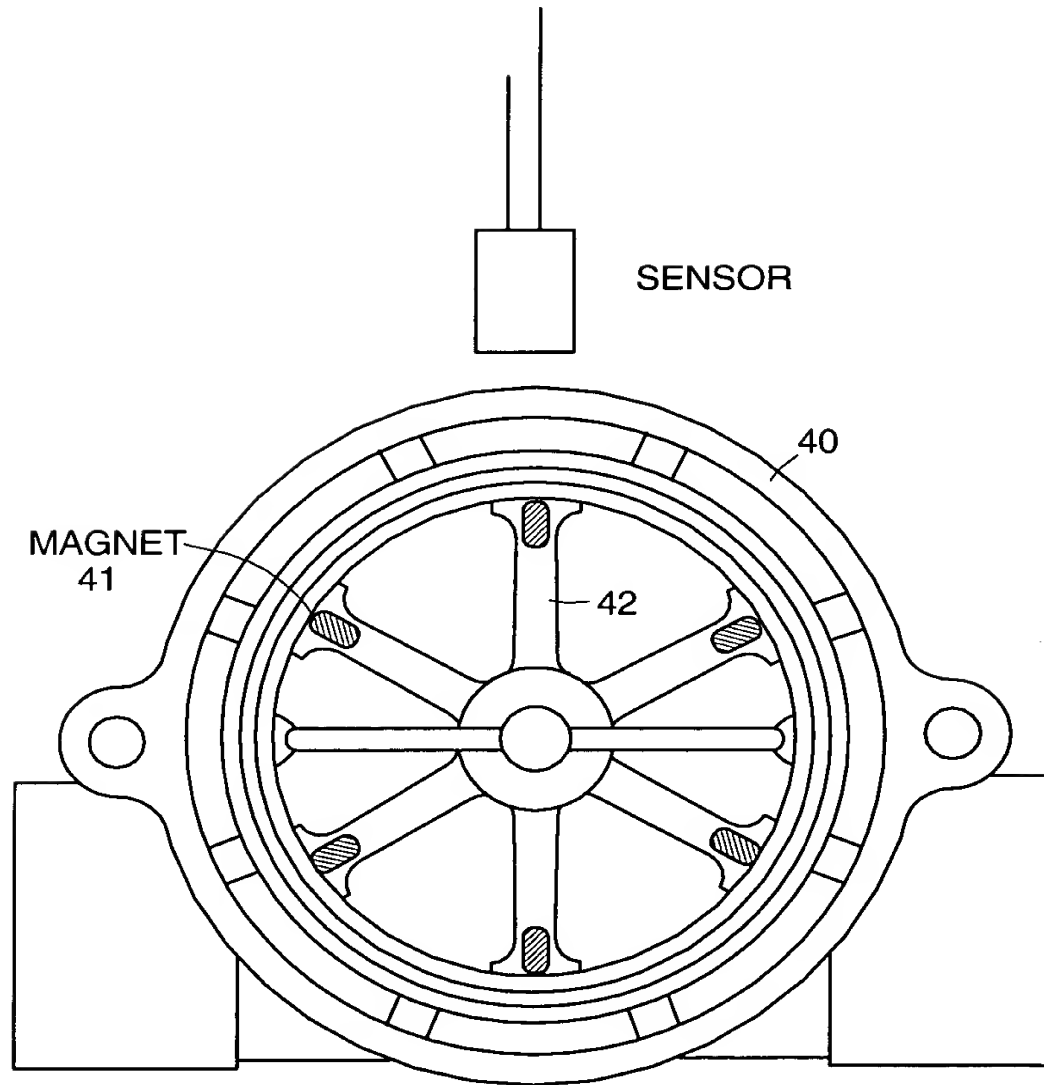


FIG. 17

005040" 94224560

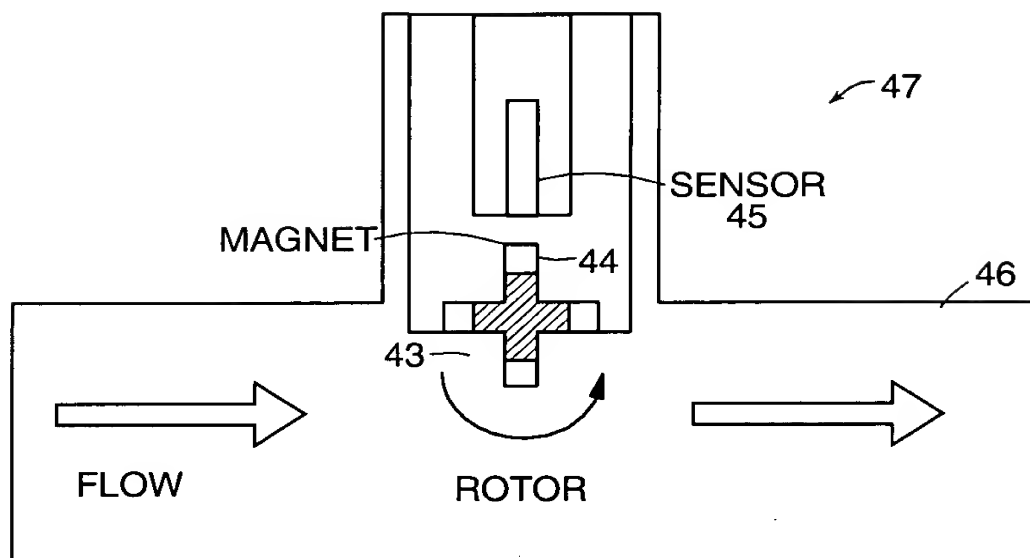


FIG. 18

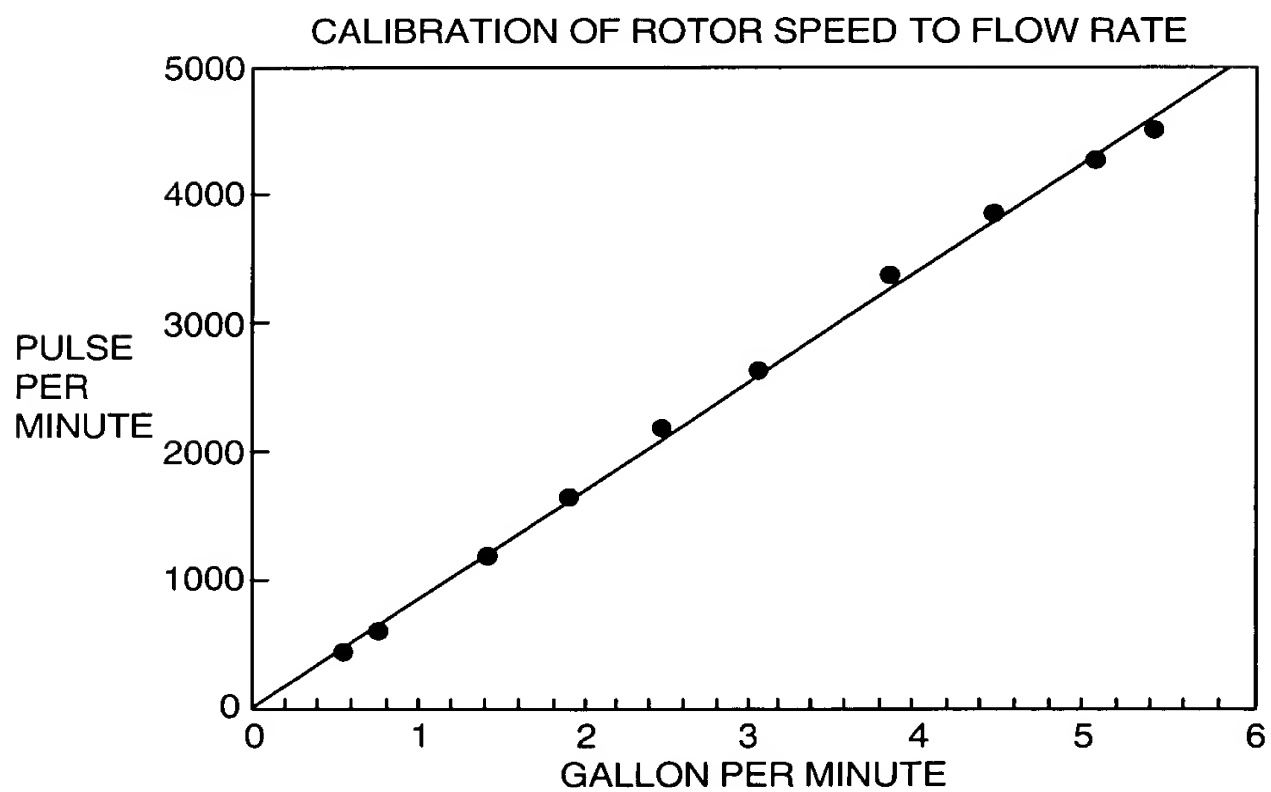


FIG. 19



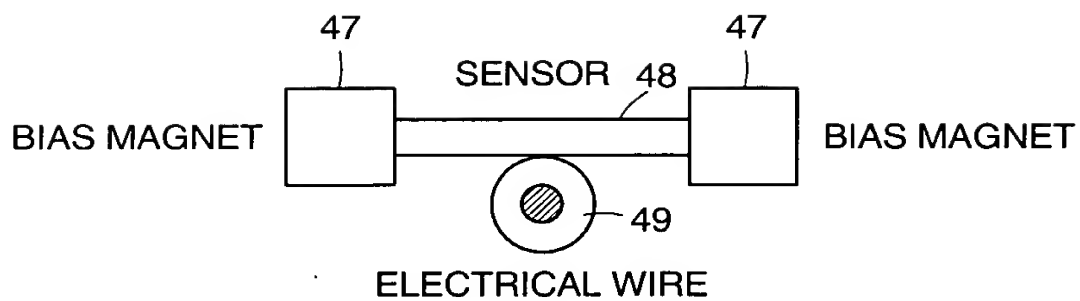


FIG. 20

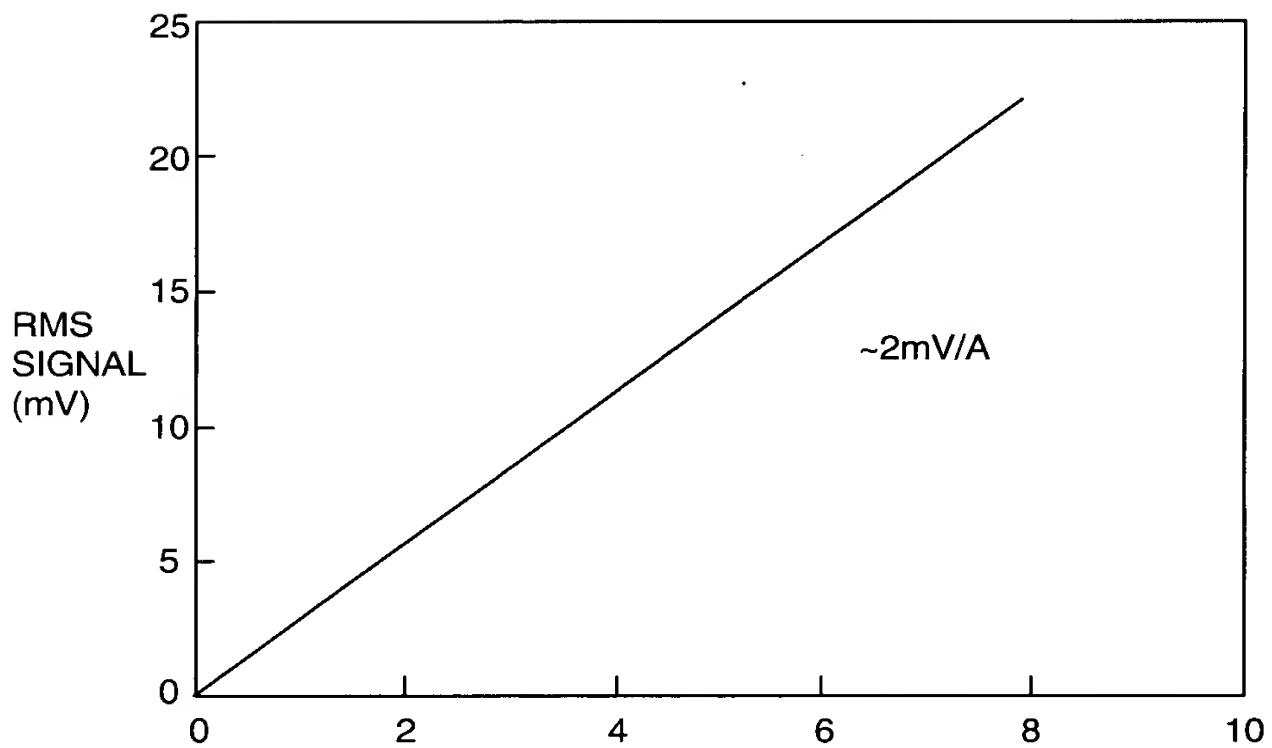


FIG. 21

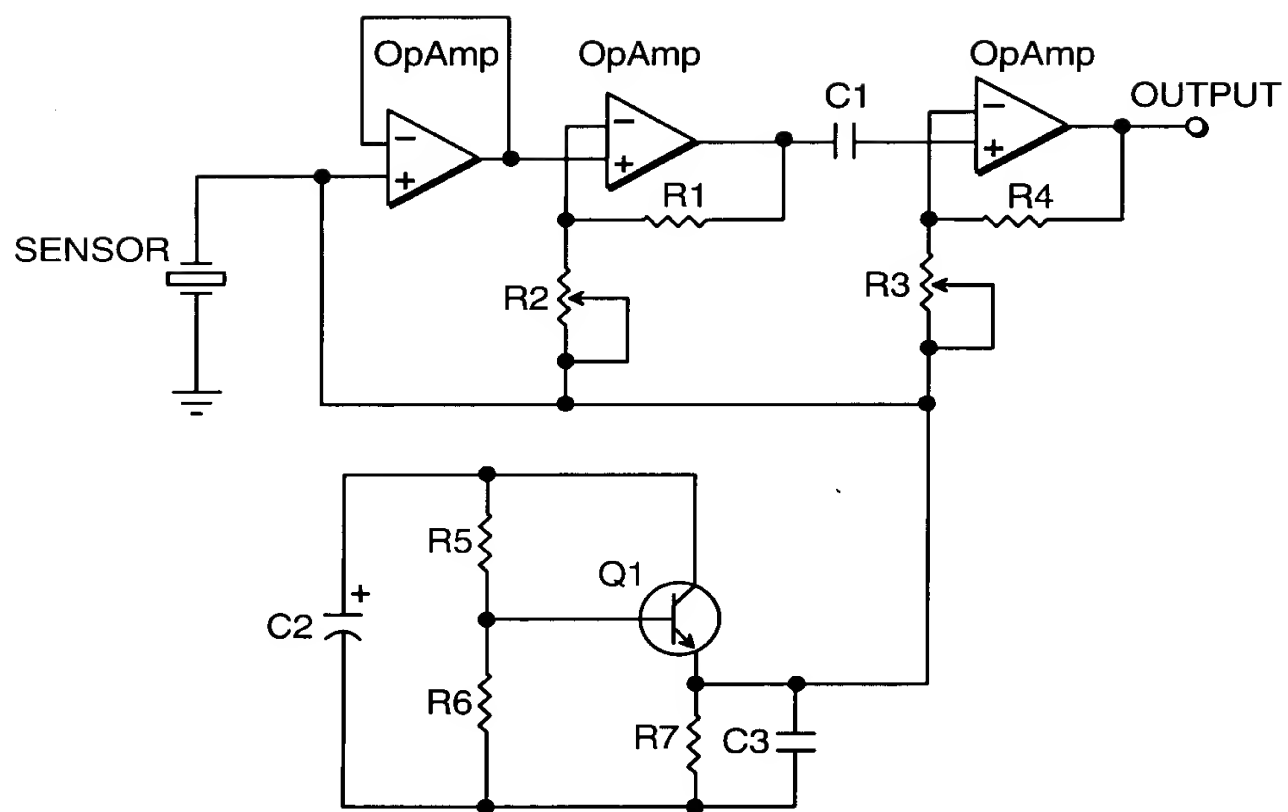


FIG. 22